

50 БСМРВУТ ВУТ ДМДВ-- - ВУСМВУНЕТ ДСАВУВТ ДССДРДВУДМУСЕРВАТ ССНССДВТ 1115

[illegible]

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DB 16 CHLLVSAGG-STLLPCEPFINETISVENKDGCKRLCFVSTISGHCIT-KDPSYKSLPISTV 73
QY 80 HHRVCTYNETKQVTKLPNCARGVDPFYTYPAVLRCDGAGSTATTEC 127
:|||||: : ||:||||| :|||:||||| :|||:||||| :|||:
DB 74 YGRVCTYRDVREYETVRLPDCRGVDPHVTFPVALSCDNLCTMDPTSDC 121

RESULT 7
C36179
gonadotropin II beta chain precursor - chum salmon
C:Species: Oncorhynchus keta (chum salmon)
C:Date: 10-Sep-1999 #sequence_revision 10-Sep-1999 #text_change 10-Sep-1999
C:Accession: C36179; S09344
R:Sekine, S.; Saito, A.; Itoh, H.; Kawachi, H.; Itoh, S.
Proc. Natl. Acad. Sci. U.S.A. 86, 8645-8649, 1989
A:Title: Molecular cloning and sequence analysis of chum salmon gonadotropin cDNAs.
A:Reference number: A36179; MUID:90046849
A:Accession: C36179
A:Status: preliminary
A:Molecule type: mRNA
A:Residues: 1-142 <SER>
A:Cross-references: GB:M27154; NID:g213429; PIDN:AAA49409.1; PID:g213430
R:Itoh, H.; Suzuki, K.; Kawachi, H.
Gen. Comp. Endocrinol. 71, 438-451, 1988
A:Title: The complete amino acid sequences of beta-subunits of two distinct chum salm
A:Reference number: S07216; MUID:89053031
A:Accession: S09344
A:Molecule type: protein
A:Residues: 24-72,'1','74-142 <ITD>
C:Superfamily: pituitary glycoprotein hormone beta chain
C:Keywords: glycoprotein; heterodimer; hormone; pituitary
F:1-23/Domain: signal sequence #status predicted <SIG>
F:24-142/Product: gonadotropin II beta chain #status experimental <MAT>
F:29-54,43-77,66-108,58-130,92-120,110-113/Disulfide bonds: #status predicted
F:33/Binding site: carbohydrate (Asn) (covalent) #status predicted

Query Match 27.8%, Score 201; DB 1; Length 142;
Best Local Similarity 34.7%; Pred. No. 1,26-14;
Matches 42; Conservative 19; Mismatches 44; Indels 16; Gaps 3;

QY 22 VLGSASGNRFTVGAVR-----PFFLAKKPGC-RGLRITTDACMGRET 66
:|||||: :|||:|||||: :|||:|||||: :|||:|||||: :|||:
DB 1 MGLHVGTLISFLCTLPEVEGSLMPCQPIQNVSLERKCPCLVIRPTCSGHCVT 60

QY 67 WEKPILEPYLEAHNRVCTYNETKQVTKLPNCARGVDPFYTYPAVLRCDGAGSTATTE 126
:|||||: :|||:|||||: :|||:|||||: :|||:|||||: :|||:
DB 61 -KEPVKSPFSFVYGHCYTRVREYETIRLPDCRPWVDPHVTYPAVLSGDCSLCNDPTSD 119

QY 127 C 127
DB 120 C 120

RESULT 8
I50534
gonadotropin II beta subunit - mummichog
C:Species: Fundulus heteroclitus (mummichog)
C:Date: 13-Sep-1996 #sequence_revision 13-Sep-1996 #text_change 16-Jul-1999
C:Accession: I50554
R:Lin, Y.W.; Ruppnow, B.A.; Price, D.A.; Greenberg, R.M.; Wallace, R.A.
Mol. Cell. Endocrinol. 85, 127-139, 1992
A:Title: Fundulus heteroclitus gonadotropins. 3. Cloning and sequencing of gonadotropin
A:Reference number: I50553; MUID:92405806
A:Accession: I50554
A:Status: preliminary; translated from GB/EMBL/DBJ
A:Molecule type: mRNA
A:Residues: 1-136 <LIN>
A:Cross-references: GB:M87015; NID:g213251; PIDN:AA859963.1; PID:g213252
C:Genetics:
A:Gene: GTHIIbeta
C:Superfamily: pituitary glycoprotein hormone beta chain

Query Match 27.6%, Score 199; DB 2; Length 136;

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